Exabyte

430M MammothTape™ Library

MAMMOTHTAPE technology

Now Available With Native Fibre Channel Interface

Convenient, compact, affordable data storage for distributed networking environments

Supported applications: Network backup/restore, remote storage and automated archiving

Compact, high performance automated data storage

4 drives, 30 cartridges

1.8 TB capacity (4.5 TB compressed*)

173 GB/hr (432 GB/hr compressed*)

Low total cost of ownership

FEATURES	ADVANTAGES	BENEFITS
Barcode capability	*Reduces inventory time; optimizes media management*	*Faster access to data; lower cost of ownership*
Ethernet connectivity	*Enables remote management capabilities*	*Increased productivity*
Entry/exit port	*Provides secure access to individual data cartridges without interrupting library operations*	*Ease of use; increased data security; increased performance; lower cost of ownership*
Field-upgradable tape drives	*Grows with storage needs*	*Ease of service, increased functionality and lower cost of ownership*
Fibre Channel or SCSI interface options	*Connectivity flexibility for SAN and NAS applications*	*Optimized performance; increased reliability; reduced overhead costs*
Multiple tape drives	*Increased performance, fault tolerance and redundancy*	*Reduced cost of ownership; increased efficiency*

Ideal for IT environments with data-intensive networks, the Exabyte 430M M2™ tape library delivers high-performance, dependable automated backup. The Exabyte 430M accommodates up to four M2 tape drives and 30 data cartridges, providing continuous, unattended data storage operations for up to 30 days.

The 430M occupies just five rack units and two cubic feet, maximizing valuable data center space. Designed to provide a scalable SCSI or native Fibre Channel solution, the library allows users to add drives and cartridges as their data storage needs grow.

The 430M-FC with native Fibre Channel offers enhanced performance and reliability features. Exabyte's newest native Fibre Channel library is also the only midrange library in the world to offer serverless backup capability. M2 drives inside the library communicate directly with RAID devices, bypassing the server and eliminating backup windows. Users get continuous 24/7 backup and restore operations at speeds up to five times faster than competitive libraries.

Exabyte's award-winning M2 drives are field-replaceable, making them easy to maintain and upgrade, protecting the user's investment. The intuitive operator interface guides users through library and drive functions.

* Compressed specifications assume a 2.5:1 compression ratio. Compression, capacity and throughput will vary depending upon type of data and system configuration. All specifications are subject to change without notice.

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Exabyte 430M Plus libraries include two M2 drives, robotics, and enclosure, as well as a power cord, cables, 30 Exabyte 225m AME cartridges, two data cartridge magazines, an installation and operation manual, a barcode scanner and remote management software.

430M Configurations	Exabyte Part #
430M Plus, 2/M2, LVD, Ethernet, barcode, kitted	270019-1342
430M-FC Plus, 2/M2, Fibre Channel, Ethernet, barcode, kitted	270019-1494
Professional Installation Program	1008989
NOTE: To ensure optimal connectivity and performance, the Exabyte Professional Installation Program is required with all 430M-FC installations.	

430M Options	Exabyte Part #
Rack Mount Kit	1004731
430M M2 LVD drive carrier	1005831
430M-FC M2 Fibre Channel drive carrier	1008542
430M/215M Exapak (magazine loaded with ten 225m AME data cartridges)	00719

Media Compatibility

The Exabyte 430M supports Exabyte AME SmartClean™ media for optimal data recording and drive performance.

Library Integration

The Exabyte 430M is configured with M2 (Mammoth-2) SCSI or Fibre Channel tape drives. For more information about Fibre Channel SAN and NAS environments, visit fc.exabyte.com or call 1-866-FIBRE-EX.

Contact an Exabyte sales representative at 1-800-EXABYTE for availability of MammothTape technology products.

Exabyte 430M Technical Specifications

Capacity
1.8 TB, native
4.5 TB, compressed*

Data Transfer Rate
173 GB/hr, native
Up to 432 GB/hr, compressed*

Cartridge Access Time
<10 seconds

Interface
Native Fibre Channel or
SCSI-2 Ultra Wide LVD (Low Voltage Differential)
SCSI connection: 68-pin MicroD

Reliability
Robotics: >1,000,000 mean cycles between failures (MCBF)
Drive MTBF:
>300,000 hours

Environmental
Operating temperature:
5° C to 35° C
41° F to 95° F
Nonoperating temperature:
-20° C to 60° C
-40° F to 140° F
Relative humidity, noncondensing, operating: 20% to 80%

Power
100 to 240 VAC, 50 to 60 Hz
Auto-switching power supply
Maximum watts: 215

Dimensions (HxWxD)
8.65 x 17.25 x 24.10 inches
(21.97 x 43.82 x 61.21 cm)
Rack height: 5u

Shipping Package:
21.0 x 33.75 x 30.0 inches
(53.0 x 78.11 x 76.21 cm)

Weight
64 lbs. with 2 tape drives,
2 magazines and no cartridges

Exabyte AME Media
225, 150 or 75m with SmartClean™ technology.
Media is also available in Exapaks: data cartridge magazines preloaded with appropriate Exabyte tapes.

Agency Certifications
UL, CSA, FCC, CISPR, IEC, TUV, BSMI

Warranty
Three-year limited warranty; on-site service options
NOTE: To ensure optimal connectivity and performance, the Exabyte Professional Installation Program is required with all 430M-FC installations.

Software Compatibility
For the most current software compatibility information, please visit the **Products** section on the Exabyte website at www.exabyte.com

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